STIC-Biotech/ChemLib

102869

Fr m: S nt: To: Subject: Chan, Christina

Tuesday, September 02, 2003 2:59 PM Holleran, Anne; STIC-Biotech/ChemLib RE: RUSH sequence search for 09/234;208

Please rush. Thanks Chris

Chris Chan TC 1600 New Hire Training Coordinator and SPE 1644 308-3973 CM-1, 9B19 REF

----Original Message-----

From:

Holleran, Anne

Sent:

Tuesday, September 02, 2003 2:51 PM

To:

Chan, Christina

Subject:

RUSH sequence search for 09/234,208

Please approve and forward to STIC the following RUSH sequence search request. This is for an amendment due this biweek. Thank you.

Please search the following for the 09/234,208:

interference databases, SEQ ID NO: 1(aa) and SEQ ID NO: 2(aa)

interference databases, SEQ ID NO: 1 (aa) and SEQ ID NO: 2 (aa), oligomer search

Anne Holleran AU: 1642 Tel: 308-8892 RM: 8e03

mailbox: 8e12

Searcher:
Phone:
Location:
Date Picked Up:
Date Completed:
Searcher Prep/Review:
Clerical:
Online time:

TYPE OF SEARCH:
NA Sequences:
AA Sequences:
Structures:
Bibliographic:
Litigation:
Full text:
Patent Family:
Other:

VENDOR/COST (where a	pplic.)
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Post-processing: Minimum Match 0%
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Listing first 45 summaries
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US-09-630-155-2
US-09-077-940A-4
US-08-340-428B-49
US-08-340-428B-49
US-09-252-991A-2991A
US-09-252-991A-31949
US-09-252-991A-31949
US-09-077-940A-2
US-08-468-576B-12
US-08-468-576B-12
US-08-468-577B-12
US-09-514-247A-8
US-09-514-247A-8
US-09-514-247A-9
US-09-512-474-21
US-09-522-474-11
US-09-522-474-11
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US-09-615-170-21
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US-09-172-699-4	US-09-402-776-3	US-09-462-606-64	US-09-462-606-63	US-09-462-606-62	US-09-462-606-60	US-09-462-606-59	US-09-462-606-13	US-09-553-427-9	US-08-471-971-3	US-09-128-275A-9	US-08-809-523-3	US-08-478-507-9	US-08-840-316-3	US-09-579-181-1	US-09-579-181-2	US-09-252-991A-26580	US-09-252-991A-26404
Sequence 4, Appli	Sequence 3, Appli	Sequence 64, Appl	Sequence 63, Appl	Sequence 62, Appl	Sequence 60, Appl	Sequence 59, Appl	Sequence 13, Appl	Sequence 9, Appli	Sequence 3, Appli	Sequence 9, Appli	Sequence 3, Appli	Sequence 9, Appli	Sequence 3, Appli	Sequence 1, Appli	· Sequence 2, Appli	Sequence 26580, A	Sequence 26404, A

ALIGNMENTS

RESULT 1 US-09-630-155-1 ; Sequence 1, Application US/09b3v1--; ; Patent No. 6414130 ; GENERAL INFORMATION: APPLICANT: Doherty, Joni Kristin and Gail M. Clinton TITLE OF INVENTION: HER-2 BINDING ANTAGONISTS TITLE OF SEQUENCES: ADDRESS: A ; STRANDEDNES single; TOPOLOGY: unknown; MOLECULE TYPE: HER-2 ECD antagonist; SEQUENCE DESCRIPTION: SEQ ID NO: 1: US-09-630-155-1 Query Match Best Local S Matches 79 TELEFAX: 206 628-7699 INFORMATION FOR SEQ ID NO: 1: COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: PC compatible OPERATING SYSTEM: Windows95 SOFTWARE: WOR'D CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/630,155 FILING DATE: 16-Jan-2001 CLASSIFFICATION: <UNKnown> ATTORNEY/AGENT INFORMATION: SEQUENCE CHARACTERISTICS: LENGTH: 79 TELECOMMUNICATION INFORMATION: TELEPHONE: 206 628-7621 l Similarity 79; Conserv CITY: Seattle STATE: Washington COUNTRY: U.S.A. TELEPHONE: NAME: Davison, Barry L. REGISTRATION NUMBER: 47,309 REFERENCE/DOCKET NUMBER: 49 100.0%; ilarity 100.0%; Conservative 0, 98101 0; Score 418; DB 4; Pred. No. 6.6e-42; ; Mismatches 0; 49321-10 Length Indels 79; 0; Gaps

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US-09-630-155-2

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                                                                          GENERAL INFORMATION:
APPLICANT: KIMURA, TOTU et al.
APPLICANT: KIMURA, TOTU et al.
TITLE OF INVENTION: NOVEL SEMAPHORIN Z AND GENE ENCODING THE SAME
FILE REFERENCE: 0020-4426P
CURRENT APPLICATION NUMBER: US/09/077,940A
CURRENT FILING DATE: 1998-06-05
                                                                                                                                                                                               Sequence 4, Application US/09077940A Patent No. 6576441
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Best Local
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Patent No. 6414130
GENERAL INFORMATION:
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              SOFTWARE: PatentIn version 3.1
EQ ID NO 4
                                                          NUMBER OF SEQ ID NOS: 20
LENGTH: 888
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TELEPAX: 206 628-7699
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
NAME: DAVISON, Barry L.
REGISTRATION NUMBER: 47.309
REFERENCE/DOCKET NUMBER: 49321-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PC compatible
OPERATING SYSTEM: Windows95
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ADDRESSEE: DAVIS W
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                                                                                                                                                                                                                                                                                                                      401
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STRANDEDNESS: single
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Pred. No. 5.4e-41;
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2600 Century Square
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Best Local :
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APPLICANT:
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NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,618
                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 14 NO. 5
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
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MOLECULE TYPE:
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LENGTH: 1257 amino acids
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                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                  TELEPHONE: 202-628-51
TELEFAX: 202-737-3528
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                                             610 SSIPSEALSAVSLQASPGDGSPDFPIVAMLRAPKLWLLPHSTLVPNVSPIPLSPASPLPS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  757 RAPEQPPAPGE-PTPDGRL 774
52 SVP----ISPVSVGRGPDPD 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           52 SVPISPVSVGRGPDPDAHV 70
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                                                                            4 SLLPRPAAVPVPLRMQPG---PAHPVLSFLR-----PSWDLVSAFYSLPLAPLS--PT 51
                                                                                                             28;
                                                                                                                          Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            419 Seventh Street, N.W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MARGOLIS, Richard U.
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                                                                                                           Conservative
                                                                                                                                                                                                         Linear
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35.0%;
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                                                                                                                                                                                                                                                                                                                                               Margolis=1A
                                                                                                                        Score 81.5; DB Pred. No. 0.48;
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US-09-252-991A-29314
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US-09-252-991A-24956
                                                                                                                                                                                                                                                                            ; ORGANISM: Pseudomonas aeruginosa US-09-252-991A-29314
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US-09-252-991A-24956
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: MATC J. Rubenfield et al.
APPLICANT: MATC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
                                                                                                                                                                                                       Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 29314
LENGTH: 195
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LENGTH: 158
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Patent No. 6551
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,190
PRIOR PILING DATE: 1998-07-27
NUMBER OF THE PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
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CURRENT FILING DATE: 199-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
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69 GRQPDP 74
                                       61 GRGPDP 66
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6551795
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Similarity 37.9%;
25; Conservative
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Similarity 36.2%;
25; Conservative (
                                                                                     GLRHTAPRPAAVPDP---QPA-RHPGPAVRRP----RAARQPAGPALPLRTPTLPGRH 68
                                                                                                                                 GTHSLLPRPAAVPVPLRMQPGPAHPVLSFLRPSWDLVSAFYSLPLAPLSPTSVPISPVSV 60
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Pred. No. 0.09
1; Mismatches
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Pred. No. 0.04;
8; Mismatches
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                                                                                                                                                                                                                                                                                            SEQ ID NO 19122
LENGTH: 546
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LENGTH: 122
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Sequence 65, App. --
Sequence 65, App. --
                                                                                                                                                                       Query Match
Best Local Similarity
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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PRIOR FILING DATE: 1998-07-17
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Ver. 2.1
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CURRENT APPLICATION NUMBER: US/09/462,606
CURRENT FILING DATE: 2000-06-12
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APPLICANT: Purcell, Robert H.
TITLE OF INVENTION: A SWINE HEPATITIS E VIRUS AND USES THEREOF
                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1998-
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  93
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                                    62 R----GPDPDAHVAVNL 74
                                                                           42 HALVGRGGQLPIALRLFPG--YPVAL-----
                                                                                                                3 HSLLPRPAAVPVPLRMQPGPAHPVLSFLRPSWDLVSAFYSLPLAPLSPTSV-PISPVSVG 61
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RGLLAGADHEAHLGVHV 109
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36.1%;
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                                                                                                                                                       14; Mismatches
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Pred. No.
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RESULT 10
US-09-077-940A-2
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US-08-430-286A-9
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APPLICANT: KIMURA, Toru et al.
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PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 31949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/09077940A Patent No. 6576441
                                                                         Sequence 9, Application US/08430286A Patent No. 6225080
                                                                                                                                                                                                                                                                                                                                                                                 Query Match
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/077,940A
CURRENT FILING DATE: 1998-06-05
CURRENT OF SEQ ID NOS: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 887
TYPE: PRT
ORGANISM: Rattus norvegicus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT ORGANISM: Pseudomonas aeruginosa
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                                                                                                                                                                                                                                                                                                                                                               Local Similarity
                                                                                                                                                                                                                                                                  699 GPHDLDSGLLPTPEQTPLPQKRLP-TTHPHAHALGPRAWDHSHALLSASASTSLLLLAHT 757
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           8 RPAAVPVPLRMQPGPAHPVLSFL--RPSWDLVSAFYSLPLAPLSPTSVPISPVSVGRGPD 65
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Eppler, C. Ma
Wang, Jai-Bel
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                                   Uhl, George R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/09252991A
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                                                                                                                                                                                                                                                                                                                                                               17.6%;
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                                                                                                                                                                                                                                                                                                                                                               Score 73.5; DB 4; Length 887; Pred. No. 2.7;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 74; DB 4; Length 495; Pred. No. 1.1;
                                                                                                                                                                                                                                                                                                                                                Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   24; Indels
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                                                                                                                                                                                                                                                                                                                                              11;
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                                                                                                                                                                                                                                                                                                                    Sequence 12, Application US/08468576B Patent No. 5955345
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity Matches 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-527-7700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/430,286A
                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IMMEDIATE SOURCE:
CLONE: OPB-R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                             SOFTWARE: WordPerfect CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
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LENGTH: 440 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION: NAME: Robinson, Joseph F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                            APPLICANT:
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                APPLICATION NUMBER: FILING DATE: 06-JU
                                                                           COMPUTER: Apple Macintosh
OPERATING SYSTEM: System
                                                                                                                                            ZIP: 10591-5144
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REGISTRATION NUMBER: 33,448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
CLASSIFICATION:
                                                                                                                                                        COUNTRY:
                                                                                                                                                                              STATE:
                                                                                                                                                                                           CITY: Tarrytown
                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                           ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                        32 TASPSPAPSWTPSP---RPGPAHP---FLQPPWAV--ALWSL 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 THSLLPRPAAVPVPLRMQPGPAHPVLSFLRPSWDLVSAFYSL 43
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                                                                                                                                                                            New York
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660 White Plains
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                                                                                                                                                                                                                                                                                                            Rabin, Daniel
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           UMBER: US/08/468,576B
06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              N-terminal
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   17.2%;
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                                                                                                              1.4 Mb storage
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GENERAL INFORMATION:
Rabin, Daniel
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
             FILING DATE: 05-MAY-PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                          STREET: OUT
CITY: Tarrytown
CTATE: New York
                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
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FILING DATE: 17-FEB-1989
ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER:
                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/239,276
                                                                                                                                           CURRENT APPLICATION DATA:
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                                                                                               CLASSIFICATION:
                                                                                                              APPLICATION NUMBER: FILING DATE: 06-JUI
                                                                                                                                                                            COMPUTER: Apple Macintosh OPERATING SYSTEM: System 7.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local
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                                                                                                                                                             SOFTWARE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               10 AAVPVPLRMQPGPAHPVLSFLRPSWDLVSAFYSLPLAPLSPTSVPISPV--SVGRGPDPD 67
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23; Conservative
                                                                                                                                                                                                                                            10591-5144
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                                                                                                                                                                                                                                                                                                         E: Sprung Kramer Schaefer & Briscoe 660 White Plains Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              604 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
                                                                                                                                                             WordPerfect
                                                                                                             06-JUN-1995
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UMBER: US 07/872,646
08-JUN-1992
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                                                05-MAY-1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           17.1%; Score 71.5; D 34.8%; Pred. No. 2.8;
                                                                                                                             US/08/468,579B
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rocal Similarity
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                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/715,181
FILING DATE: 14-JUN-1991
                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
                            PRIOR APPLICATION DATA:
                                                                                                                                                                     CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                      SOFTWARE: WordPerfect CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                           OPERATING SYSTEM: System
                                                                                                                                                                                                                                                                                                                                                                          STREET: 660 WILL
CITY: Tarrytown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
                                                                                           APPLICATION NUMBER: FILING DATE: 08-JUI
                                                                                                                                         APPLICATION NUMBER: US 0: FILING DATE: 05-MAY-1994
                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 06-JUN
                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
APPLICATION NUMBER: US 07/441,703 FILING DATE: 04-DEC-1989
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                                                                                                                                                                                                                                                                                                                                    10591-5144
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                                                                                                                                                                                                                                                                                                                                                                                                660 White Plains Road
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                                                                                                                                                                                                                                                                                                                                                                  York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (914) 332-1700
                                                                                           UMBER: US 07/872,646
O8-JUN-1992
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                                                                                                                                                                                                                                                                  System 7.5
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/312,543
FILING DATE: 17-FEB-1989

ATTORNEY/AGENT INFORMATION:
NAME: Kurt G. Briscoe

NAME: Kurt G. Briscoe REGISTRATION NUMBER:

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REFERENCE/DOCKET NUMBER: MDI 251.8-KGB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 332-1700
TELEPAX: (914) 332-1844
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 604 amino acids
TYPE: amino acids
                                                                        ; MOLECULE TYPE: US-08-194-468-2
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US-08-194-468-2
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Query Match
Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/194,4
FILING DATE: 10-FEB-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 96
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619)-546-4737
                                                                                                                                                                                                    TELEFAX: (619)-546-9392
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: MONTMINY, MARC R.
TITLE OF INVENTION: ASSAYS F
TITLE OF INVENTION: CMPOUND
TITLE OF INVENTION: RESPONSI
                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 2441 amino aci
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CORRESPONDENCE ADDRESS:
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                                                                                                                TYPE: amino acid TOPOLOGY: linear
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36.5%;
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           Score 71.5; DB 1; Pred. No. 16;
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                          64 PDP 66
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                                                                                                                  23; Conservative
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Search completed: September Job time: 7.50402 secs 3, 2003, 16:42:09

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Minimum
Maximum
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Perfect score:
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2: /cgn2_6/ptodata/1/pubpaa/Pi
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10: /cgn2_6/ptodata/1/pubpaa/U
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Match
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Listing first 45 summaries
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       GenCore version 5.1.6 (c) 1993 - 2003 Compugen Ltd
         US-09-468-147-206

US-09-468-147-207

US-09-918-836-35

US-10-035-977-35

US-10-137-870-544

US-10-140-018-544

US-10-140-274-544

US-10-140-274-544

US-10-140-924-544

US-10-140-925-544

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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Publication No.
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Publication No
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3030RIC1 CURRENT APPLICATION NUMBER: US/09/931,836 CURRENT FILING DATE: 2001-08-16 PRIOR APPLICATION NUMBER: 60/85579 PRIOR APPLICATION NUMBER: 60/85579 PRIOR APPLICATION NUMBER: 60/112514 PRIOR PILING DATE: 1998-12-15 PRIOR FILING DATE: 1998-12-15 PRIOR FILING DATE: 1998-12-15
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EARLIER APPLICATION NUMBER: US 09/173,141
EARLIER FILING DATE: 1998-10-15
EARLIER APPLICATION NUMBER: US 60/061,199
EARLIER FILING DATE: 1997-10-15
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audre
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APPLICANT: Schlauder, George G.
                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Dawson, Ge
APPLICANT: Mushahwar,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Erker,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               57 GVTGLILSPS--PSPIFIQPTPS-PPMSFHNPGLELALDSRPAPLAPLGVTSPSAPPLPP 113
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1 Similarity 34.2%;
27; Conservative
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                                                                                                                                                                                                                                                   Stewart, Timothy A. Watanabe, Colin K. Wood, William I.
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                                                                                                                                                                                                                                                                                                                                                                                                  Eaton, Dan L.
Goddard, Audrey
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No. US20030027249A1
                                                                                                                                                                                                                              Zhang, Zemin
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D. US20030049601A1
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DR APPLICATION NUMBER: 09/854208
DR FILING DATE: 2001-05-10
DR APPLICATION NUMBER: 09/854280
DR FILING DATE: 2001-05-10
DR APPLICATION NUMBER: 09/874503
DR FILING DATE: 2001-06-05
DR FILING DATE: 2001-06-05
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DR APPLICATION NUMBER: 60/131291

DR FILING DATE: 1999-04-27

DR APPLICATION NUMBER: 60/132371

DR FILING DATE: 1999-05-04

DR APPLICATION NUMBER: 60/132379

DR APPLICATION NUMBER: 60/132379

DR FILING DATE: 1999-05-04

DR APPLICATION NUMBER: 60/132383

DR FILING DATE: 1999-05-04

DR FILLING DATE: 1999-05-05

DR FILLING DATE: 1999-05-25

DR APPLICATION NUMBER: 60/135750

DR FILLING DATE: 1999-06-08

DR FILLING DATE: 1999-06-08

DR FILLING DATE: 1999-06-08

DR FILLING DATE: 1999-06-08

DR FILLING DATE: 1999-06-08
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DR FILING DATE: 1999-03-23

DR APPLICATION NUMBER: 60/125778

DR FILING DATE: 1999-03-23

DR APPLICATION NUMBER: 60/125826

DR FILING DATE: 1999-03-24

DR FILING DATE: 1999-03-24

DR APPLICATION NUMBER: 60/127035

DR FILING DATE: 1999-03-31

DR APPLICATION NUMBER: 60/127706

DR FILING DATE: 1999-04-05

DR FILING DATE: 1999-04-05
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PR FILING DATE: 1999-04-13
PR FILING DATE: 1999-04-21
PR FILING DATE: 1999-04-21
PR APPLICATION NUMBER: 60/131270
PR FILING DATE: 1999-04-27
PR APPLICATION NUMBER: 60/131272
PR APPLICATION NUMBER: 60/131272
       FILING DATE: 2001-0/-10
APPLICATION NUMBER: PCT/US99/10733
APPLICATION NUMBER: PCT/US99/10733
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FILING DATE: 1998-12-23
APPLICATION NUMBER: 60/114140
FILING DATE: 1998-12-23
APPLICATION NUMBER: 60/115552
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APPLICATION NUMBER: 09/380142
FILING DATE: 1999-08-25
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FILING DATE: 1999-10-29
APPLICATION NUMBER: 09/311832
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APPLICATION NUMBER: 60/116843
FILING DATE: 1999-01-22
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FILING DATE: 1999-07-20
APPLICATION NUMBER: 60/146970
FILING DATE: 1999-08-03
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FILING DATE: 1998-12-23
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APPLICATION NUMBER: 60/113430
FILING DATE: 1998-12-23
     NUMBER: PCT/US99/28551
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; SEQ ID NO 35
; LENGTH: 888
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-931-836-35
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Best Local S
Matches 28
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Publication No.
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APPLICANT:
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                                                                                                                                   TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3030R1C10
                                                                                               CURRENT APPLICATION NUMBER: US/10/035,977
CURRENT FILING DATE: 2001-12-26
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 OR APPLICATION NUMBER: 60/085579
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/112514
OR FILING DATE: 1998-12-15
OR APPLICATION NUMBER: 60/113300
OR APPLICATION NUMBER: 60/113300
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APPLICATION NUMBER: PCT/US00/23328
FILING DATE: 2000-08-24
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APPLICATION NUMBER: PCT/US00/14042
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                                                                                                                                                                                                 Stewart, Timothy A. Watanabe, Colin K. Wood, William I.
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No. US20030134327A1
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PRIOR APPLICATION NUMBER: 6
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FILING DATE: 1999-U5-14
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                                                              APPLICATION NUMBER: PCT/US99/10733
                                                                                               APPLICATION NUMBER: 09/908,827
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APPLICATION NUMBER: 09/854280
FILING DATE: 2001-05-10
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FILING DATE: 1999-04-13
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FILING DATE: 2001-06-29
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FILING DATE: 1999-08-25
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APPLICATION NUMBER: 09/311832
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RESULT 5
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Best Local :
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APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C155
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                                                                                                                                                      Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
Sherwood, Steven
                                                                 Watanabe, Colin K
Wood, William
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Gerritsen, Mary E.
                                                                                                     Stewart, Timothy A. Tumas, Daniel
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Pred. No. 3.8;
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; Prior Application removed -
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 544
; LENGTH: 888
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-870-544
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US-10-140-018-544
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NUMBER OF SEQ ID NOS: 550
SEQ ID NO 544
LENGTH: 888
TYPE: PRT
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Best Local Similarity
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CURRENT FILING DATE: 2002-05-06
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757 RAPEQPPAPGE-PTPDGRL 774
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Godowski, Paul J.
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Filvaroff, Ellen
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RESULT 7 US-10-140-021-544

Sequence 544, A Publication No.

Application US/10140021 o. US20030138886A1

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NUMBER OF SEQ ID NOS: 550
SEQ ID NO 544
LENCTH: 888
TYPE: PRT
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Best Local :
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APPLICANT:
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3330R1C161
CURRENT APPLICATION NUMBER: US/10/140,274
CURRENT FILING DATE: 2002-05-06
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CURRENT FILING DATE: 2002-05-06
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                                                                             Zhang, Zemin
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Godowski, Paul J.
Gurney, Austin L.
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Filvaroff, Ellen
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Godowski, Paul J.
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Filvaroff, Ellen
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                                                                                                                                           Stewart, Timothy A.
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                                                                                              Wood, William
                                                                                                             Watanabe,Colin K
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RESULT 10
US-10-140-807-544
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Best Local S
Matches 28
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NUMBER OF SEQ ID NOS: 550
SEQ ID NO 544
LENGTH: 888
TYPE: PRT
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NUMBER OF SEQ ID NOS: 550
SEQ ID NO 544
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Best Local Similarity
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CURRENT FILING DATE: 2002-05-06
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C163
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TYPE: PRT
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Watanabe, Colin K
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Godowski, Paul J.
Gurney, Austin L.
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Sequence 544, Application US/10140807 Publication No. US20030134354A1

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NUMBER OF SEQ ID NOS: 550
SEQ ID NO 544
LENGTH: 888
TYPE: PRT
                         APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C179
CURRENT APPLICATION NUMBER: US/10/140,922
CURRENT FILING DATE: 2002-05-07
Prior Application
NUMBER OF SEQ ID N
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CURRENT FILING DATE: 2002-05-07
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C174
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Godowski, Paul J.
Gurney, Austin L.
Sherwood, Steven
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Gerritsen, Mary E.
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Wood,William
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               removed - See Palm or File Wrapper
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Pred. No. 3.8;
7; Mismatches
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US-10-140-926-544

Sequence 544, Application US/10140926 Publication No. US20030134356A1 GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

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Best Local Sim
Matches 28;
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NUMBER OF SEQ ID NOS: 550
SEQ ID NO 544
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TYPE: PRT
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LENGTH: 888
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Best Local
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CURRENT FILING DATE: 2002-05-07
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757 RAPEQPPAPGE-PTPDGRL 774
                                                                 698 GPHDLDSGLLPTPEQTPLPQKRLPTP-HPHPHALGPRAWDHGHPLLPASASSSLLLLAPA 756
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Gurney, Austin L.
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Goddard, Audrey
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Filvaroff, Ellen
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o. US20030134355A1
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Gao, Wei-Qiang

Desnoyers,Luc Filvaroff,Ellen Beresini,Maureen DeForge,Laura

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US-10-141-698-544
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US-10-140-926-544
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APPLICANT: Beresini, Mauri
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
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CURRENT FILING DATE: 2002-05-07
Prior Apploication removed - See File Wrap
NUMBER OF SEQ ID NOS: 550
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                                                                 CURRENT FILING DATE:
                                                                         TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3330R1C206 CURRENT APPLICATION NUMBER: US/10/141,698
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Watanabe, Colin K
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US-10-141-702-544
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NUMBER OF SEQ ID NOS: 550
SEQ ID NO 544
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/141,702
CURRENT FILING DATE: 2002-05-08
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
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ORGANISM: Homo Sapien
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Godowski, Paul J.
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Wood, William
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        Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/BCTUS_COMB.pep:*
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US-09-677-521-2
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142	147.5	184.5	196	203	210.5	241.5	257.5	257.5	257.5	257.5	257.5	264.5	264.5	418	493	493	734.
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Sequence 30, Appl	Sequence 106, App	Sequence 104, App	103		Sequence 105, App	Sequence 5, Appli	Sequence 18, Appl	Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	4	Sequence 7, Appli	Sequence 2, Appli	Sequence 1, Appli	Sequence 3, Appli	Sequence 3, Appli	Patent No. 5183884

ALIGNMENTS

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TOPOLOGY: UNKNOWN

MOLECULE TYPE: polypeptide
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-630-155-2
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Query Match
Best Local Simi
Matches 419;
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Patent No. 6414130
GENERAL INFORMATION:
APPLICANT: Doherty, Joni Kri:
TITLE OF INVENTION: HER-2 BI
                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: DAVISON, BAITY L.
NAME: DAVISON, BAITY L.
REGISTRATION NUMBER: 47,309
REFERENCE/DOCKET NUMBER: 4932:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206 628-7621
TELEPHONE: 206 628-7699
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: WORD CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVIS WRIGHT TREMAINE LLP
                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                    Similarity
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OPERATING
                                                                                                                                                              LENGTH: 419
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09 FILING DATE: 16-Jan-2001 CLASSIFICATION: <Unknown>
                                                                                                                                             STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 1501 Fourth Avenue, 2600 Century Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A.
   Conservative
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HER-2 BINDING ANTAGONISTS
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                    Score 2287;
Pred. No. 3
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 Gaps
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                                                                      US-09-146-283-4
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Matches 362;
                      Query Match
Best Local Similarity
                                                                                                                                                                                                                           TELEFAX: 650-324-0960 INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Immunostimulatory Compositions NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Ave. Suite 250
                                                                                                               MOLECULE TYPE: protein HYPOTHETICAL: NO ORIGINAL SOURCE:
                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 782 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: 650-324-0880
                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Laus, Reiner
APPLICANT: Ruegg, Curtis L.
APPLICANT: Wu, Hongyu
TITLE OF INVENTION: Immunos
                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
CITY: Pa
STATE: C
COUNTRY:
                                                                                                                                                                                                                                                                                                      NAME: Judge, Linda R. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/09/146,283 FILING DATE: 03-SEPT-1998 CLASSIFICATION: 536
                                                                                                   ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94306
                                                                                 ORGANISM: homo sapiens
INDIVIDUAL ISOLATE: GM-CSF-Her-2 fusion protein; Fig.
                                                                                                                                                                 TOPOLOGY:
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                      Score 1878; DB 2; Pred. No. 5.1e-156;
           Mismatches
                                    Length 782;
         Indels
         20;
       Gaps
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US-08-579-823A-4
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                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/579,823A
FILING DATE: 03-DEC-1998
CLASSIFICATION: 336
ATTORNEY/AGENT INFORMATION:
NAME: Judge, Linda R.
                                                               TELEFAX: 650-324-0960
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                 REFERENCE/DOCKET NUMBER: 76
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-0880
                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Ave. Suite 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Ruegg, Curtis L.
APPLICANT: Wu, Hongyu
TITLE OF INVENTION: Immunos
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
                      TYPE: ami
TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                               STREET: 350 Cambridge CITY: Palo Alto STATE: CA
                                                                                                                                                                                                                                                                                                                                                    COUNTRY: UZIP: 94306
                                                                                                                                                              NAME: Judge, Linda R. REGISTRATION NUMBER:
                                                    LENGTH:
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181 LTLIDTNRSRACHPCSPMCKGSRCWGESSEDCQSLTRTVCAGGCARCKGPLPTDCCHEQC
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                                                                                                                   301 YNYLSTDVGSCTLVCPLHNQEVTAEDGTQRCEKCSKPCAR-----GTHSLLPRPAAVPVP
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IQEFAGCKKIFGSLAFLPESFDGDPASNT---APLQPEQLQVFETLEEITGYLYISAWPD
                                     LRMQPG--PAHPVLSFLRPSWDLVSAFYSLPLAPLSPTSVPI-----SPVSVGRGPD
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MOLECULE TYPE: HYPOTHETICAL: NUMBER OF SEQUENCES: 10 . protein Version #1.25

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; ORIGINAL SOURCE:
; ORGANISM: homo sap.
; INDIVIDUAL ISOLATE:
US-08-579-823A-4
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Best Local Similarity
                                                                                ZIP: 94306

ZIP: 94306

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Vei

CURRENT APPLICATION NUMBER: US/09/344,195

FILING DATE: 24-Jun-199

CLASSIFICATION: <Unknown>
                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/146,283
FILING DATE: 03-SEPT-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger &
                                                                                                                                                                                                                                                                                                                                           Wu, Hongyu
TITLE OF INVENTION: Immunostimulatory Compositions
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Laus, Reiner
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           NAME:
                                                                                                                                                                                                                                       COUNTRY: USA
                                                                                                                                                                                                                                                   CITY: Palo Alto
STATE: CA
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ISOLATE: GM-CSF-Her-2 fusion
Judge,
▶
                                                                                                                                                                                                                                                                                                                                                                         Nuegg, Curtis L.
                                                                                                                                                                                                                                                                                 350 Cambridge
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83.0%;
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Pred. No. 5.1e
9; Mismatches
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ORGANISM: homo sapiens;
INDIVIDUAL ISOLATE: GM-CSF-Her-2 fusion protein; Fig.;
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-344-195-4
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US-08-467-083-68
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                                                                                                                                                                                 Sequence 68, Application US/08467083 Patent No. 5726023
                                                                                                                                                                   Patent No. 5726023
GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                 APPLICANT: Cheever, Martin A.
APPLICANT: Disis, Mary L.
TITLE OF INVENTION: INMUNE REACTIVITY TO HER-2/NEU PROTEIN
TITLE OF INVENTION: FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES
TITLE OF INVENTION: HER-2/NEU ONCOGENE IS ASSOCIATED
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
  COUNTRY:
                STATE:
                                        STREET:
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                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: protein HYPOTHETICAL: NO ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 42,702
REFERENCE/DOCKET NUMBER: 7636-0010.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-0880
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                                                                                                                                                                                                                                                                   SLPDLSVFQNLQVIRG
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                                          6300 Columbia Center,
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                                                        Seed and Berry
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83.0%;
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                                          701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 782;
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                                                                                         Sequence 68, Application US/08414417B Patent No. 5801005
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches 362;
GENERAL INFORMATION:
APPLICANT: Cheever, Martin A.
APPLICANT: Disis, Mary L.
TITLE OF INVENTION: IMMUNE RE
TITLE OF INVENTION: FOR DIAGN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Sharkey, Richard G.
REGISTRATION NUMBER: 32,629
REFERENCE/DOCKET NUMBER: 920010.448C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
TELEX: 3723836 SEEDAMBERRY
INFORMATION FOR SEQ ID NO: 68:
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LENGTH: 1255 amino aci
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ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: US 08/414,417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/0 FILING DATE: 06-JUN-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TYPE: Floppy
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   IMMUNE REACTIVITY TO HER-2/neu PROTEIN FOR DIAGNOSIS AND TREATMENT OF MALIGNAN
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Pred. No. 9.5e-156;
9; Mismatches 45;
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Best Local S
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/414,417)
FILING DATE: 31-MAR-1995
CLASSIFICATION: 424
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LENGTH: 1255 amino aci
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REFERENCE/DOCKET NUMBER: 92
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206),622-4900
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NAME: Sharkey, Richard G
REGISTRATION NUMBER: 32,
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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NUMBER OF SEQUENCES: (
CORRESPONDENCE ADDRESS
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SLPDLSVFQNLQVIRG
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                                     --PDAHVAVNLSRYEG
                                                                           IQEFAGCKKIFGSLAFLPESFDGDPASNT---APLQPEQLQVFETLEEITGYLYISAWPD
                                                                                                                 LRMQPG--PAHPVLSFLRPSWDLVSAFYSLPLAPLSPTSVPI-----SPVSVGRGPD 405
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US-08-484-438-8; Sequence 8, A

Patent No. 5811098

Application US/08484438

RESULT

Patent No. 5811098 57 GENERAL INFORMATION:

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FILING DATE: 14-OCT-1994
APPLICATION NUMBER: US 08/150,704
FILING DATE: 10-NOV-1993
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/981,165
FILING DATE: 24-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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APPLICANT: Hellstr m, Karl E.
TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE
NUMBER OF SEQUENCES: 42
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Palana
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                                                                                                                                                                                                                                                                                                    Local
                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS: un
TOPOLOGY: unknown
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Culouscou, Jean-Michel
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Pred. No. 9.5e-156;
9; Mismatches 45;
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                                                                                                                                                                                                                                                                                                                       Length 1255;
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US-08-486-348A-68
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INFORMATION FOR SEQ ID NO: (
SEQUENCE CHARACTERISTICS:
LENGTH: 1255 amino acid
TYPE: amino acid
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
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OPERATING SYSTEM:
SOFTWARE: PatentI
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                                                                                                                                                                                                                                                                                                                                                                                                        Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Sharkey, Richard REGISTRATION NUMBER: 3
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6300 Columbia Center, 701 Fifth Avenue
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                                                                     Matches
                                                                                 Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
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NAME: Sharkey, Richard G.
REGISTRATION NUMBER: 32,629
REFERENCE/DOCKET NUMBER: 9200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
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TITLE OF INVENTION: COMPOUNDS FOR ELICITING OR ENHANCING IMMUNE
TITLE OF INVENTION: REACTIVITY TO HER-2/neu PROTEIN FOR PREVENTION
TITLE OF INVENTION: OR TREATMENT OF MALIGNANCIES IN WHICH THE HER-2/neu
TITLE OF INVENTION: ONCOGENE IS ASSOCIATED
                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
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ADDRESSEE: SEED and BERRY LLP
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STREET: 6:
CITY: Sea:
STATE: Wa:
COUNTRY:
ZIP: 9810
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FILING DATE: 01-APR-1996
CLASSIFICATION: 424
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98104-7092
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               MELAALCRWGLLLALLPPGAASTQVCTGTDMKLRLPASPETHLDMLRHLYQGCQVVQGNL
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MELAALCRWGLLLALLPPGAASTQVCTGTDMKLRLPASPETHLDMLRHLYQGCQVVQGNL
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                                                                 Conservative
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                                                                               Score 1878;
Pred. No. 9.
                                                               Mismatches
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; Sequence 68, Application US/084
Patent No. 5876712
; GENERAL INFORMATION:
APPLICANT: Cheever, Martin
APPLICANT: Disis, Mary L.
TITLE OF INVENTION: IMMUNE
TITLE OF INVENTION: FOR DIA
TITLE OF INVENTION: HER-2/n
NUMBER OF SEQUENCES: 69
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US-08-468-545B-68
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                                                                        US-08-468-545B-68
   Best Local Similarity Matches 362; Conserv
                                                                                                                                                         TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                       NAME: Sharkey, Richard G.
REGISTRATION NUMBER: 32,629
REFERENCE/DOCKET NUMBER: 920
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206),622-4900
                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/0
FILING DATE: 06-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Sharkey, Richard G
                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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STREET: 6300 C
CITY: Seattle
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ZIP: 98104-7092
                                                                                        TOPOLOGY:
                                                                                                                      LENGTH:
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   Conservative
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FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH
HER-2/neu ONCOGENE IS ASSOCIATED
                  82.1%;
83.0%;
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                Score 1878; DB 2;
Pred. No. 9.5e-156;
 Mismatches
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                                Length 1255;
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   20;
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INFORMATION FOR
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APPLICANT: Opperm
APPLICANT: Housto
APPLICANT: Ring,
                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                              SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE:
                 REFERENCE/DOCKET NUMBER: CRP-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEPAX: (617) 248-7100
                                                                FILING DATE: 06-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
NEGISTRATION NUMBER: 27,829
                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Biosynthetic Binding TITLE OF INVENTION: Marker
                                                                                                                                    CLASSIFICATION: 424 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
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CITY: BO
STATE: M
COUNTRY:
                                                                                                           APPLICATION NUMBER: 07/8 FILING DATE: 06-FEB-1992
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                                                                                                                                                                                                                                                                                   USA
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SEQ
     248-7100
ID NO: 2
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; MOLECULE TYPE:
US-08-356-786-2
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Best Local
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                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
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LENGTH: 1255 amino aci
                 CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
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hes 362;
                                                                                                                                                                           CITY: Seattle
STATE: Washing
                                          FILING DATE:
                                                   APPLICATION NUMBER:
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Version

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                                                                                                                YNYLSTDVGSCTLVCPLHNQEVTAEDGTQRCEKCSKPCAR-----GTHSLLPRPAAVPVP 355
                                                                                                                                                                                    AAGCTGPKHSDCLACLHFNHSGICELHCPALVTYNTDTFESMPNPEGRYTFGASCVTACP
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                                           LRMQPG--PAHPVLSFLRPSWDLVSAFYSLPLAPLSPTSVPI-----
                                                                                        YNYLSTDVGSCTLVCPLHNQEVTAEDGTQRCEKCSKPCARVCYGLGMEHLREVRAVTSAN
IQEFAGCKKIFGSLAFLPESFDGDPASNT
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Pred. No. 9.5e-156;
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---APLQPEQLQVFETLEEITGYLYISAWPD
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                                           -SPVSVGRGPD 405
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SOFTWARE: PatentIn Ver. 2
SEQ ID NO 2
LENGTH: 1255
TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                                             US-09-527-487-2
                                                                                                                                                                                                                                               Sequence 2, Application US/09527487
Patent NO. 6528060
GENERAL INFORMATION:
APPLICANT: Nicolette, Charles
TITLE OF INVENTION: HER2 ANTIGENIC PEPTIDES
FILE REFERENCE: 126881309200
                                                            Query Match
Best Local Similarity
                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 362;
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                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/527,487
CURRENT FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 9
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INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 1255 amino acids
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REFERENCE/DOCKET NUMBER: 92C
TELECOMMUNICATION INFORMATION:
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1 MELAALCRWGLLLALLPPGAASTQVCTGTDMKLRLPASPETHLDMLRHLYQGCQVVQGNL
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                                              Score 1878; DI
Pred. No. 9.5e
9; Mismatches
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                                              DB 4;
9.5e-156;
nes 45;
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RESULT 14
US-08-422-108-1
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                                                                                                                                                                            APPLICATION NUMBER: US/08/422,108
FILING DATE: 14-Apr-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/355460
FILING DATE: 13-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/048346
FILING DATE: 15-APR-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Hudziak, Robert M.
APPLICANT: Shepard, H. Michael
APPLICANT: Ullrich, Axel
TITLE OF INVENTION: HER2 EXTRACELLULAR DOMAIN
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994
                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: WinPatin (Ge
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS: ADDRESSEE: Genentech,
                                                                                      APPLICATION NUMBER: 07/354319
FILING DATE: 19 MAY-1989
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                       REGISTRATION NUMBER: 00 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM:
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: California
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US-08-422-734-1
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Best Local Similarity
Matches 341; Conserv
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
SEQUENCE 624 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy
                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Hudziak,
APPLICANT: Shepard,
APPLICANT: Ullrich,
                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: (FILING DATE: 14-Apr-1
                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: HER2 EXTRACELLULAR DOMAIN NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                     STREET: 460 Point San Brur CITY: South San Francisco STATE: California
                  APPLICATION NUMBER: 08/3 FILING DATE: 13-DEC-1994
                                                                                                          APPLICATION NUMBER: US/08/422,734 FILING DATE: CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  361 DGDPASNT---APLQPEQLQVFETLEEITEYLYISAWPDSLPDLSVFQNLQVIRG 412
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APPLICATION DATA:
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82.28;
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Pred. No. 1.3e-146;
9; Mismatches 45;
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TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 624 amino acids
TYPE: Amino Acid
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/04 FILING DATE: 15-APR-1993 PRIOR APPLICATION DATA: APPLICATION NUMBER: 07/31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Lee, Wendy M
REGISTRATION NUMBER:
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DGDPASNT---APLQPEQLQVFETLEEITEYLYISAWPDSLPDLSVFQNLQVIRG
                                                          VTAEDGTQRCEKCSKPCARVCYGLGMEHLREVRAVTSANIQEFAGCKKIFGSLAFLPESF
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19-MAY-1989
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Pred. No. 1.3e-146;
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Gaps

Search completed: September Job time: 36.496 secs ω 2003, 16:42:11

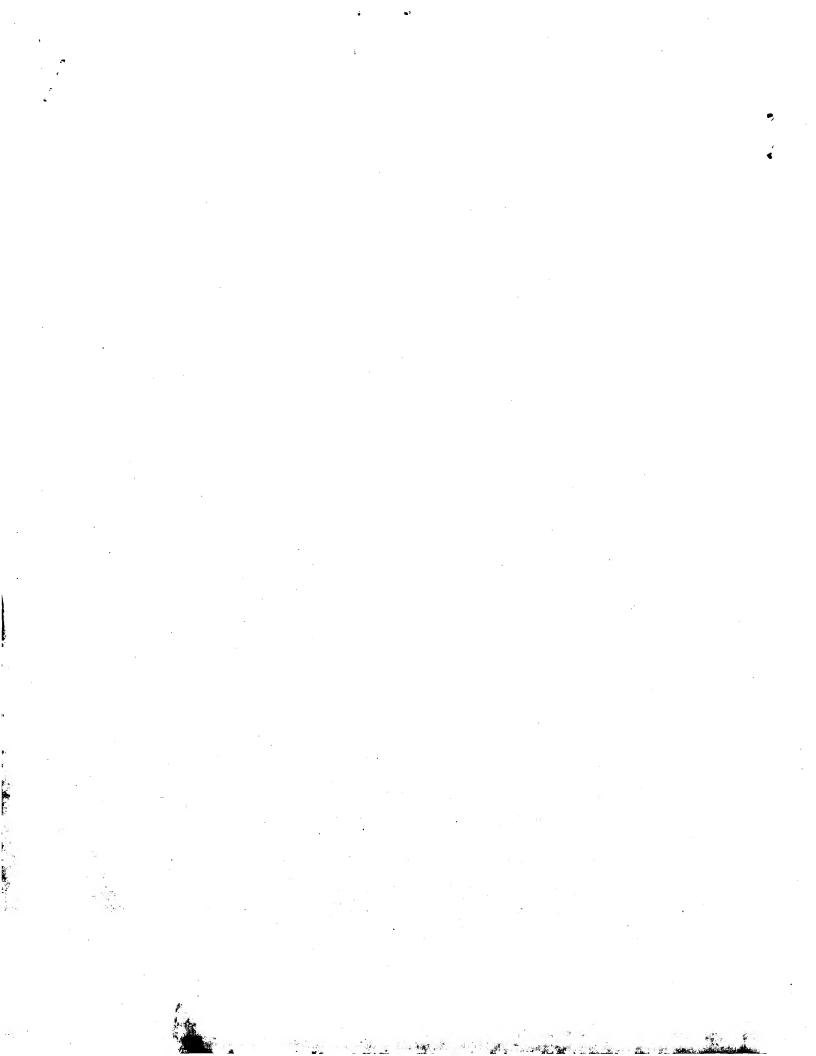
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GenCore version 5.1.6 Copyright (c) 1993 - 2003 Compugen Ltd.

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Result
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Perfect score:
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Match
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          Published_Applications_AA: *
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'/cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*

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10 US-09-811-123-9

9 US-09-811-115-3

10 US-09-816-2508-2

10 US-09-854-356-1

10 US-09-8930-125-2

11 US-09-441-441-6

12 US-10-338-730-2

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11.3			32.7							34.7	34.7	37.6	43.2	69.4	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.5	82.1	82.1
1367	120	1342	1342	478	478	1308	1308	1210	657	405	4 05	. 166	191	289	1256	690	555	1260	1260	1256	654	697	5,64	479	1255	1255
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Sequence 120, App Sequence 120, App Sequence 226, App	17, 7	16,	Sequence 4, Appli Sequence 2, Appli	`	≀, A		Sequence 2, Appli	2, A	18,	49,	43	۲,	Sequence 9, Appli	3, 2		'n	_		118	:U	e e	4	w '	Sequence 5, Appli	Sequence 126, App	Sequence 45, Appl

ALIGNMENTS

_us-09-921-161-1

Sequence 1, Application US/09921161 Patent No. US20020090662A1 GENERAL INFORMATION:

RESULT 1

망 Qy В QΥ Вþ 8 US-09-921-161-1 SOFTWARE: FastSEQ for Windows Version SEQ ID NO 1 Matches Query Match Best Local S CURRENT APPLICATION NUMBER: US/09/921,161 CURRENT FILLING DATE: 2001-08-01 PRIOR APPLICATION NUMBER: 60/225,433 PRIOR FILING DATE: 2000-08-15 APPLICANT: Ralph, Peter
TITLE OF INVENTION: ANALYTICAL METHOD
FILE REFERENCE: GENENT.066A
FILE REFERENCE: GENENT.0604 NUMBER OF SEQ ID NOS: LENGTH: 645
TYPE: PRT
ORGANISM: Homo sapiens 121 121 DPLNNTTPVTGASPGGLRELQLRSLTEILKGGVLIQRNPQLCYQDTILWKDIFHKNNQLA 180 181 LTLIDTNRSRACHPCSPMCKGSRCWGESSEDCQSLTRTVCAGGCARCKGPLPTDCCHEQC 61 61 ELTYLPTNASLSFLQDIQEVQGYVLIAHNQVRQVPLQRLRIVRGTQLFEDNYALAVLDNG 362; 1 MELAALCRWGLLLALLPPGAASTQVCTGTDMKLRLPASPETHLDMLRHLYQGCQVVQGNL 1 MELAALCRWGLLLALLPPGAASTQVCTGTDMKLRLPASPETHLDMLRHLYQGCQVVQGNL Similarity DPLNNTTPVTGASPGGLRELQLRSLTEILKGGVLIQRNPQLCYQDTILWKDIFHKNNQLA ELTYLPTNASLSFLQDIQEVQGYVLIAHNQVRQVPLQRLRIVRGTQLFEDNYALAVLDNG Conservative 82.1%; 83.0%; Score 1878; DB Pred. No. 1.1e-1.9; Mismatches 9; DB 9; Length 645; Indels 20; Gaps 240 180 120 120 60 60

RESULT 2 US-10-268-501-13

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Sequence 13, Application US/10268501

Publication No. US20030086924A1

GENERAL INFORMATION:
APPLICANT: Sliwkowski, Mark X.

TITLE OF INVENTION: Treatment with Anti-ErbB2 Anti-EILE REFERENCE: P1467R2P1

CURRENT APPLICATION NUMBER: US/10/268,501

CURRENT FILING DATE: 2002-10-10

PRIOR APPLICATION NUMBER: US 09/602,812

PRIOR APPLICATION NUMBER: US 60/241,316

PRIOR FILING DATE: 1999-06-25

NUMBER OF SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             YNYLSTDVGSCTLVCPLHNQEVTAEDGTQRCEKCSKPCAR-----GTHSLLPRPAAVPVP
                                                                                                                                                    YNYLSTDVGSCTLVCPLHNQEVTAEDGTQRCEKCSKPCAR-----GTHSLLPRPAAVPVP
                                                                                                                                                                                                                                    AAGCTGPKHSDCLACLHENHSGICELHCPALVTYNTDTFESMPNPEGRYTFGASCVTACP
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Pred. No. 1.1e-147;
9; Mismatches 45;
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CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: US 09/493,480
PRIOR FILING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: US 60/117,976
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 3
LENGTH: 653
RESULT 4
US-09-54-356-7
; Sequence 7, Application US/09854356
; Patent No. US20020177567A1
; GENERAL INFORMATION:
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US-09-854-356-3
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Best Local Similarity
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SmithKline Beecham Biologicals
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Pred. No. 1.1e-147;
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TYPE: PRT ORGANISM: Homo

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Query Match

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RESULT 5
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PRIOR FILING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: US 60/117,976
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                              Sequence 6, Application US/09854356 Patent No. US20020177567A1
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Best Local Similarity
APPLICANT: Cheever, Martin A.
APPLICANT: Gheysen, Dirk
APPLICANT: Gorysen, Dirk
APPLICANT: SmithKline Beecham Biologicals S.
TITLE OF INVENTION: HER-2/neu Fusion Proteins
FILE REFERENCE: 014058-098109 Fusion Proteins
CURRENT APPLICATION NUMBER: US/09/854,356
CURRENT FILING DATE: 2001-05-09
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APPLICANT:
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CURRENT FILING DATE: 2001-05-09
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SmithKline Beecham Biologicals S.
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Pred. No. 1
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US-10-146-473-72

GENERAL INFORMATION:

APPLICANT: Scanlan, Matthew APPLICANT: Gout, Ivan APPLICANT: Stockert, Elisa

APPLICANT: Stockert, Elisabeth
APPLICANT: Gure, Ali
APPLICANT: Chen, Yao-Tseng
APPLICANT: Old, Lloyd
TITLE OF INVENTION: Breast Cancer Antigens
FILE REFERENCE: L00461/70130(JRV)

CURRENT APPLICATION NUMBER: US/10/146,473 CURRENT FILING DATE: 2002-05-15

Sequence 72, Application US/10146473 Publication No. US20030108888A1

PRIOR APPLICATION NUMBER: US 60/291,150
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 82
SOFTWARE: PatentIn version 3.0
SEQ ID NO 72
LENGTH: 1253

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SEQ ID NO 6
LENGTH: 919
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Best Local
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PRIOR APPLICATION NUMBER: US
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 26
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OTHER INFORMATION: Description of Artificial Sequence:fusion
OTHER INFORMATION: of ECD and PD of human HER-2/neu
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Pred. No. 1.6e-147;
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TITLE OF INVENTION: METHODS OF TREATMENT USING ANTI-EIDB
TITLE OF INVENTION: ANTIBODY-MAYTANSINOID CONJUGATES
FILE REFERENCE: GENEMY.073A2
CURRENT APPLICATION NUMBER: US/09/811,123
CURRENT FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/238,327
PRIOR FILING DATE: 2000-10-05
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 11
SECTIONARE: FastSEQ for Windows Version 4.0
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APPLICANT: Sharon Erickson
APPLICANT: Ralph Schwall
APPLICANT: Mark Sliwkowski
                                                              Query Match
Best Local (
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   AAGCTGPKHSDCLACLHFNHSGICELHCPALVTYNTDTFESMPNPEGRYTFGASCVTACP
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RESULT 8
US-09-811-115-3
; Sequence 3, Application US/09811115
; Patent No. US20020035736A1
; GENERAL INFORMATION:
; APPLICANT: Erickson, Sharon
; APPLICANT: Schwall, Ralph
; APPLICANT: King, Kathleen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity
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CURRENT FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/189,844
PRIOR FILING DATE: 2000-03-16
NUMBER OF SEO ID NOS: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: HER-2 TRANSGENIC NON-HUMAN TUMOR MODEL FILE REFERENCE: GENENT.034A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: FastSEQ for Windows
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Pred. No. 2.4e-147
9; Mismatches 45
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Best Local Similarity 83.0%;
Matches 362; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: CHAO, LORRINE A.
APPLICANT: BLUFORD, PETER
TITLE OF INVENTION: C-ERBB-2 EXTERNAL DOMAIN:
FILE REFERENCE: BEBIO-111-C1
CURRENT APPLICATION NUMBER: US/09/769,508
CURRENT FILING DATE: 2001-01-26
NUMBER OF SEQ ID NOS: 2
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SEQ ID NO 2
LENGTH: 1255
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LANGTON, BEATRICE CLAUDIA
HANCOCK, MIRIAM E.C.
                   --PDAHVAVNLSRYEG
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Pred. No. 2.4e-147;
9; Mismatches 45;
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CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: US 09/493,480
PRIOR FILING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: US 60/117,976
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 1
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APPLICANT: SmithKline Beecham Biologicals
TITLE OF INVENTION: HER-Z/neu Fusion Protei
FILE REFERENCE: 014058-009810PC
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LOCATION: (990)..(1255)
OTHER INFORMATION: phosphorylation
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ORGANISM: Homo sapiens
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LOCATION: (990)..(1048)
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LOCATION: (676)..(1255)
OTHER INFORMATION: intracellular
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OTHER INFORMATION: extracellular do
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APPLICANT: MCNeill, Patricia D.
APPLICANT: Vedvick, Thomas S.
APPLICANT: Vedvick, Thomas S.
TITLE OF INVENTION: COMPOSTITIONS AND METHDOS FO.
TITLE OF INVENTION: OF HER-2/NEU-ASSOCIATED MA.
FILE REFERENCE: 210121.544
CURRENT APPLICATION NUMBER: US/09/930,125
CURRENT FILING DATE: 2001-08-14
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 2
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US-09-441-411-6
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; TYPE: PRT
; ORGANISM: Homo sapien
US-09-930-125-2
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APPLICANT: Cheever, Martin A.
APPLICANT: Foy, Teresa M.
APPLICANT: Lodes, Michael J.
APPLICANT: Kalos, Michael D.
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   Application US/09441411 No. US20030008342A1
                                                                                                        SLPDLSVFQNLQVIRG
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                                                                                                                                                                       IQEFAGCKKIFGSLAFLPESFDGDPASNT---APLQPEQLQVFETLEEITGYLYISAWPD
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Pred. No. 2.4e-147;
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US-10-207-498-6
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                             GENERAL INFORMATION:

APPLICANT: Elizabeth Singer

APPLICANT: Ralf Landgraf

APPLICANT: Dennis J. Slamon

APPLICATION: AND MODULATING INTERACTIONS BETWEEN HEREGULIN AND HER3

FILE REFERENCE: 30448.103-US-U1

CURRENT APPLICATION NUMBER: US/10/207,498

CURRENT FILING DATE: 2001-07-29

PRIOR APPLICATION NUMBER: 60/308,431

PRIOR APPLICATION UMBER: 50/308,431

PRIOR FILING DATE: 2001-07-27

NUMBER OF SEQ ID NOS: 24
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Best Local Similarity
Matches 362; Conserv
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APPLICANT: Disis, Mary L.
APPLICANT: Hellstrom, Ingegerd
APPLICANT: Hellstrom, Karl Erik
TITLE OF INVENTION: SURFACE RECEPTOR ANTIGEN
FILE REFERENCE: 730033.409
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CURRENT FILING DATE: 1999-11-16
NUMBER OF SEQ ID NOS: 26
                 SOFTWARE: FastSEQ for Windows Version
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TYPE: PRT
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NO 6
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Pred. No. 2.4e-147;
9; Mismatches 45;
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US-10-338-730-2
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Matches 362
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LENGTH: 1255
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Best Local Similarity
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TYPE: PRT
ORGANISM: Homo
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PRIOR FILING DATE: 2002-03-16
NUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/338,730 CURRENT FILING DATE: 2003-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Genzyme Corporation APPLICANT: Nicolette, Charles TITLE OF INVENTION: THERAPEUTIC FILE REFERENCE: 5017C
                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn
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LENGTH: 1255
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Best Local
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APPLICANT: Hand-Zimmerman, Susan
APPLICANT: HYDIO: METHODS FOR DIAGNOSIS
TITLE OF INVENTION: AND VIRUS-ASSOCIATED
FILE REFERENCE: 210121.483C3
CURRENT APPLICATION NUMBER: US/10/313,644
CURRENT FILING DATE: 2002-12-04
NUMBER OF SEQ ID NOS: 5
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TYPE: PRT
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Search Job tir	Db	Qy	В	Qy	дb
Search completed: September 3, 2003, 16:49:12 Job time : 37.3373 secs	418 SLPDLSVFQNLQVIRG 433	406PDAHVAVNLSRYEG 419	361 IQEFAGCKKIFGSLAFLPESFDGDPASNTAPLQPEQLQVFETLEEITGYLYISAWPD 417		